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Fusion Assay Schematic

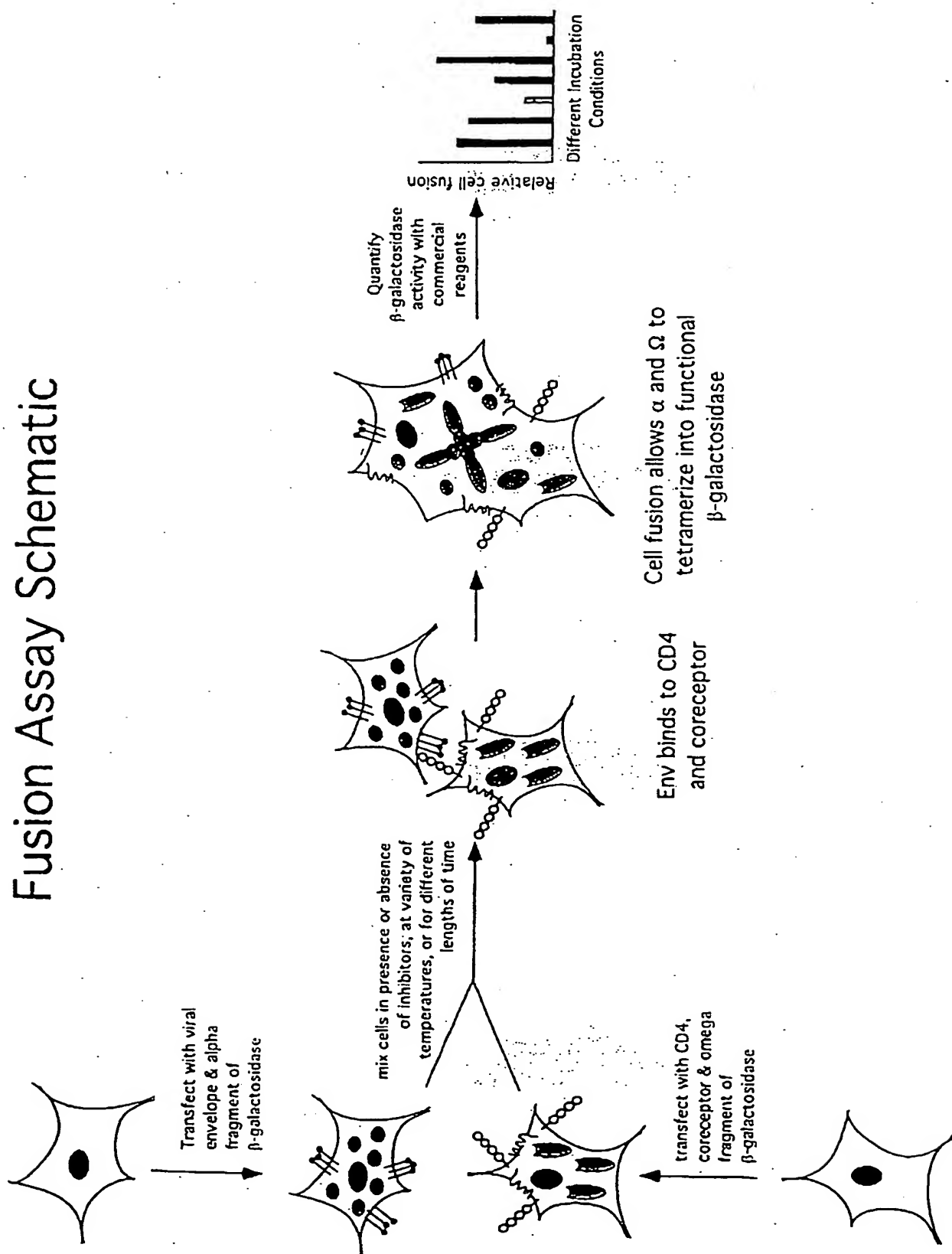


FIGURE 1

CD4-Dependent HIV Envelope-Mediated Cell Fusion

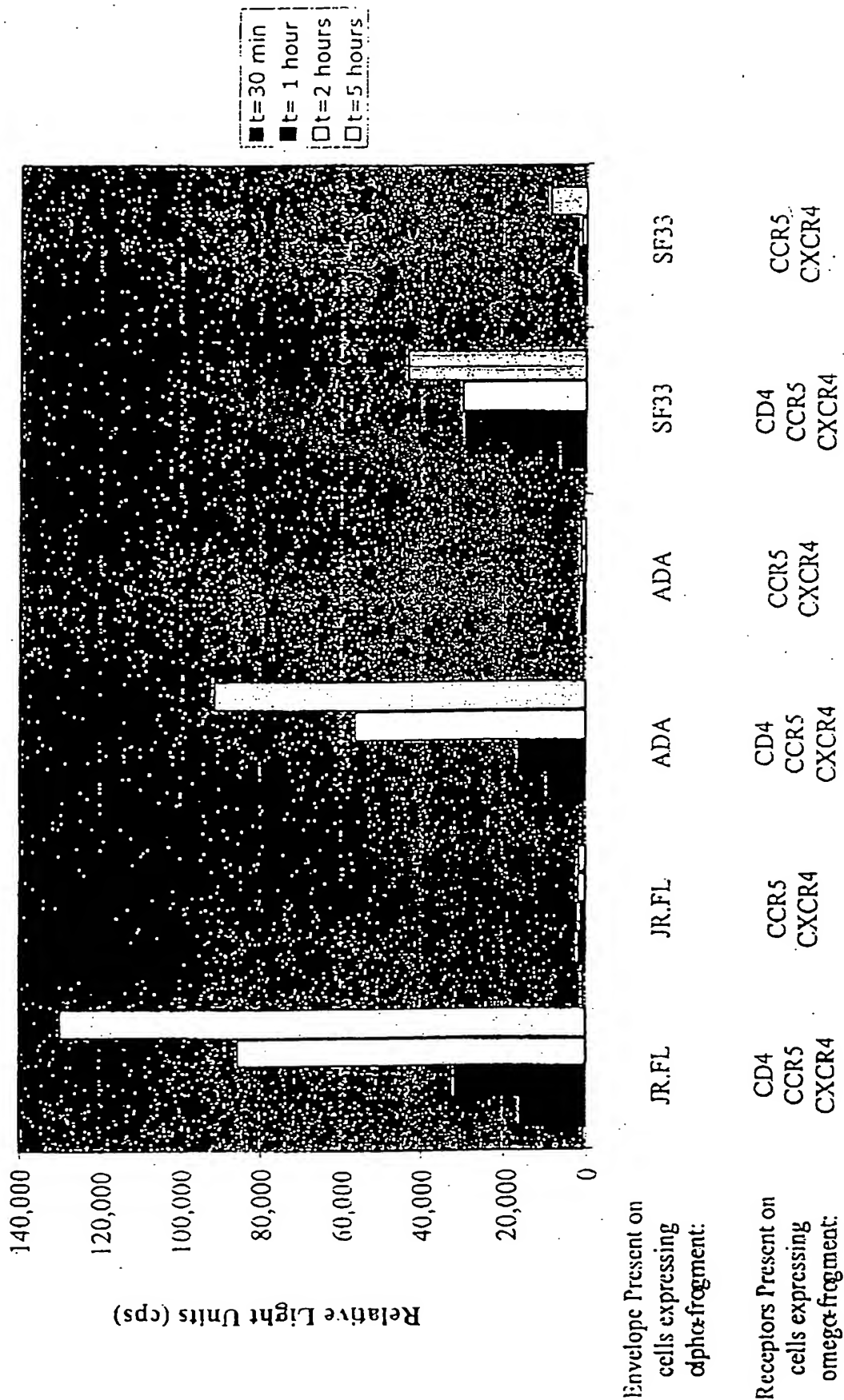


FIGURE 2

CD4-Ig Inhibition of Fusion Reaction Between 293T/alpha/Env Cells and 293T.omega.CD4.3 cells

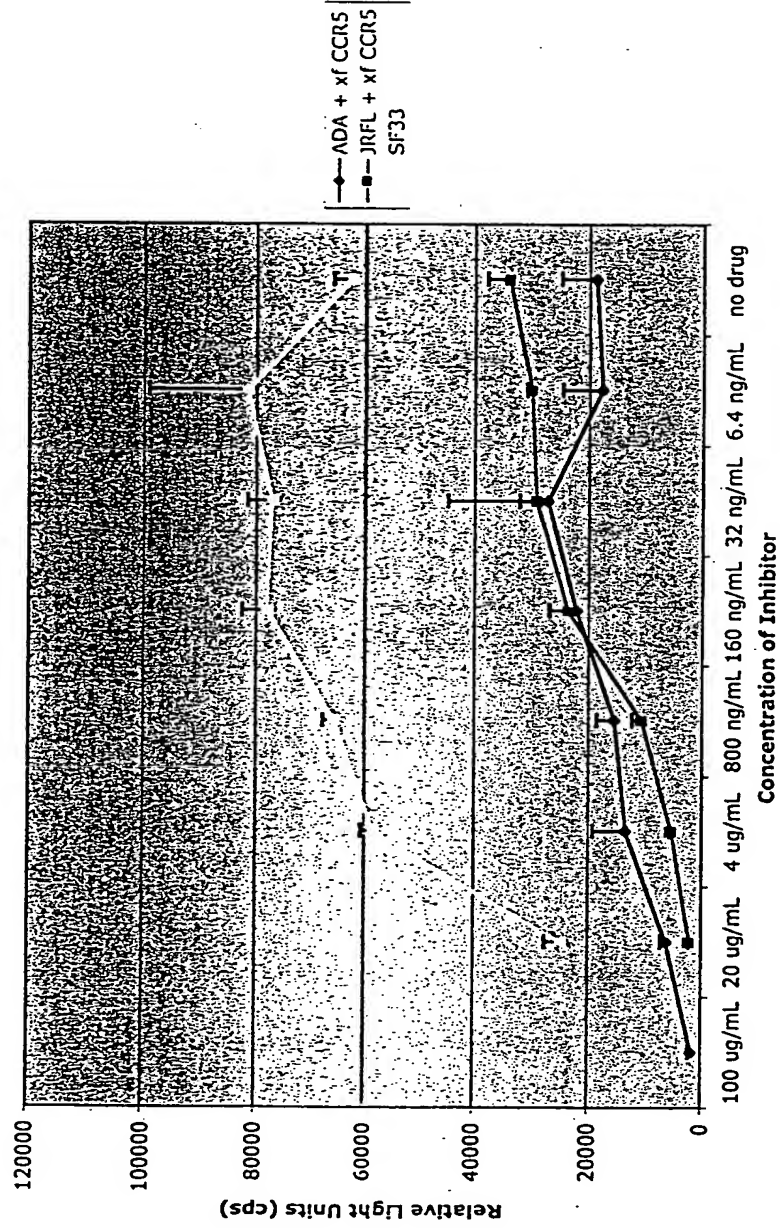


FIGURE 3

**T-20 Peptide Inhibition of Fusion Reaction Between
293T/alpha/Env Cells and HeLa.omega.CD4.CCR5 cl. 12 Cells**

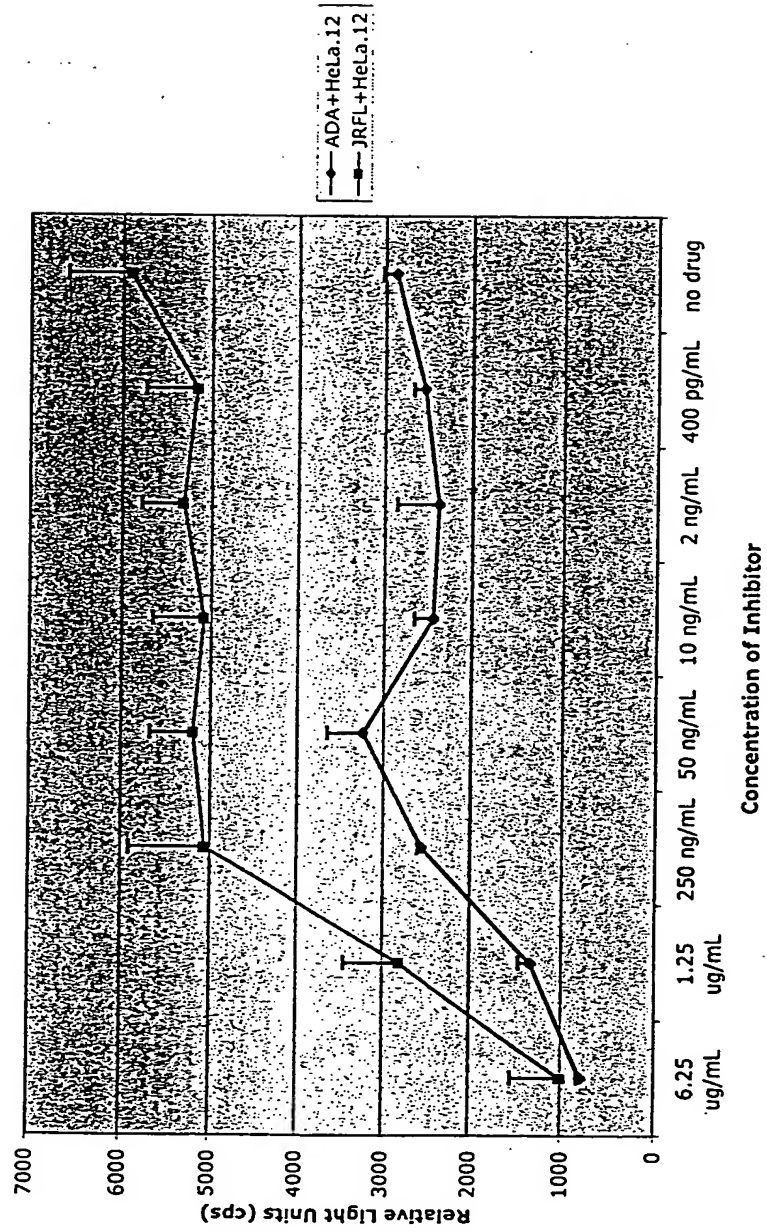


FIGURE 4

Fusion of 293T.CD4.omega with 293T/SF33 in Presence of C34 Peptide

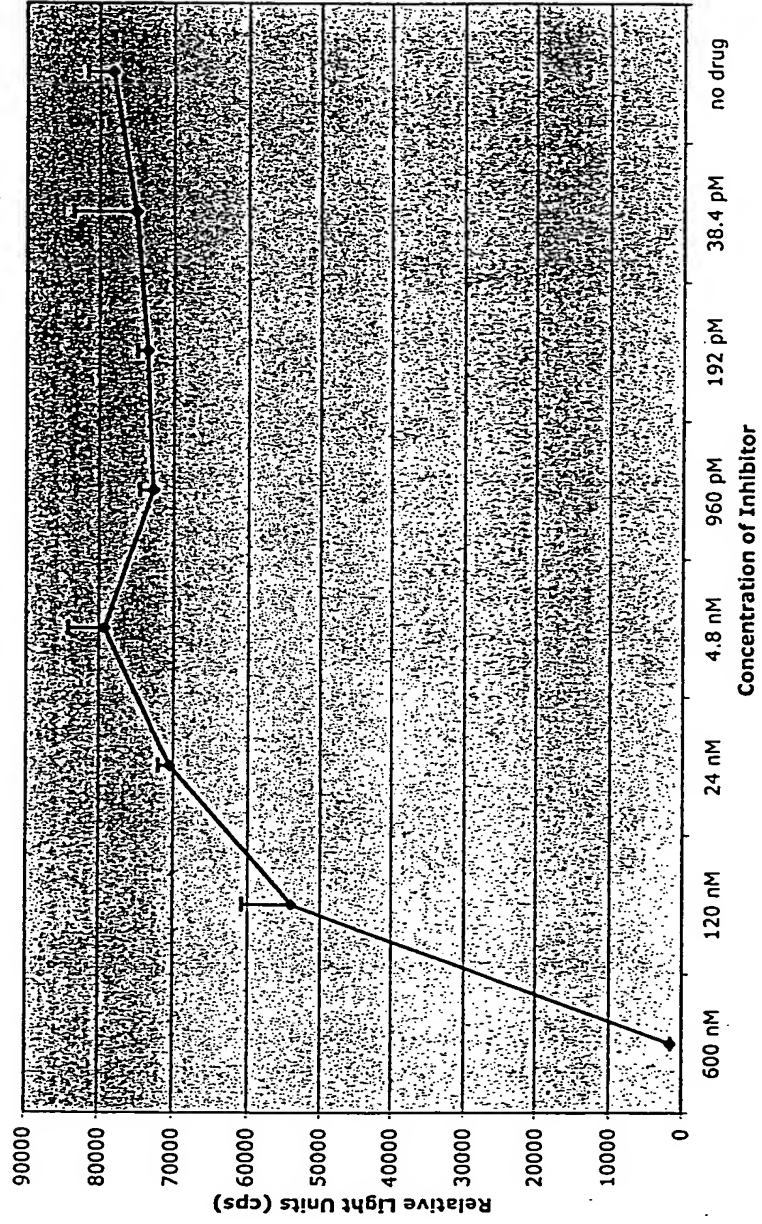


FIGURE 5

Titer AMD3100 (Transfected SF33 Env + stable 293T omega cell line)

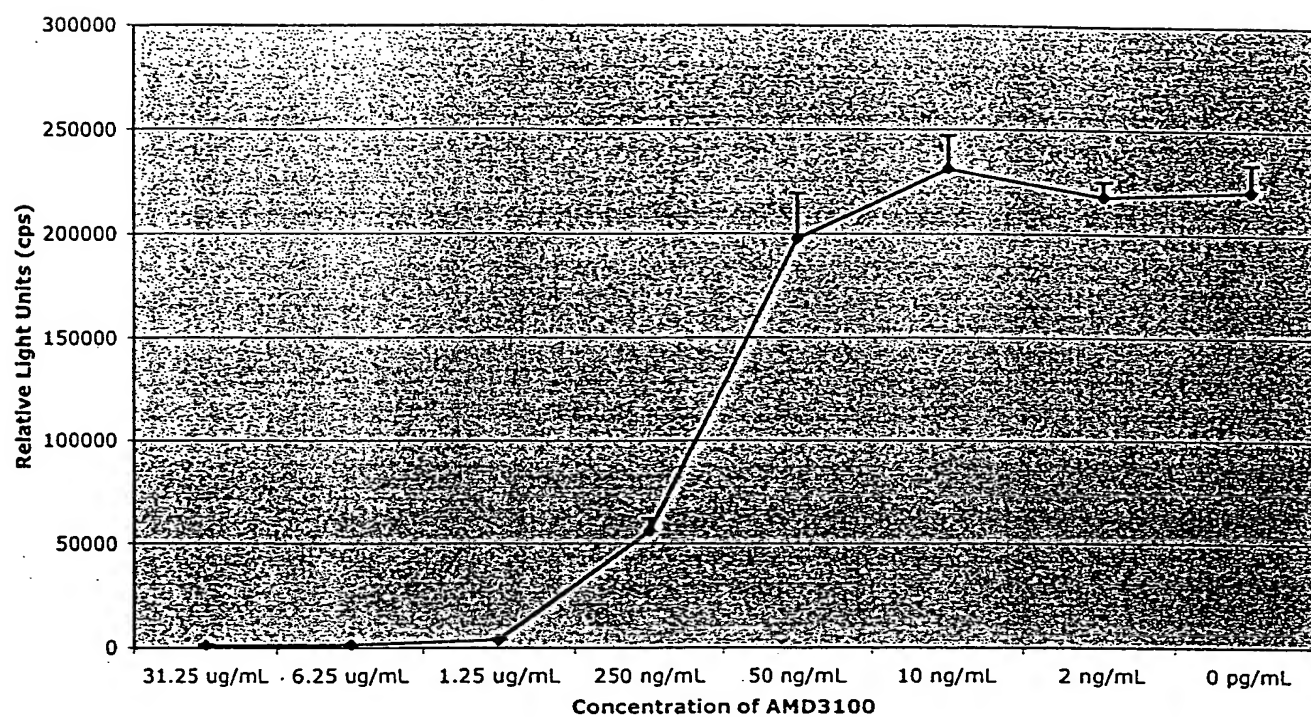
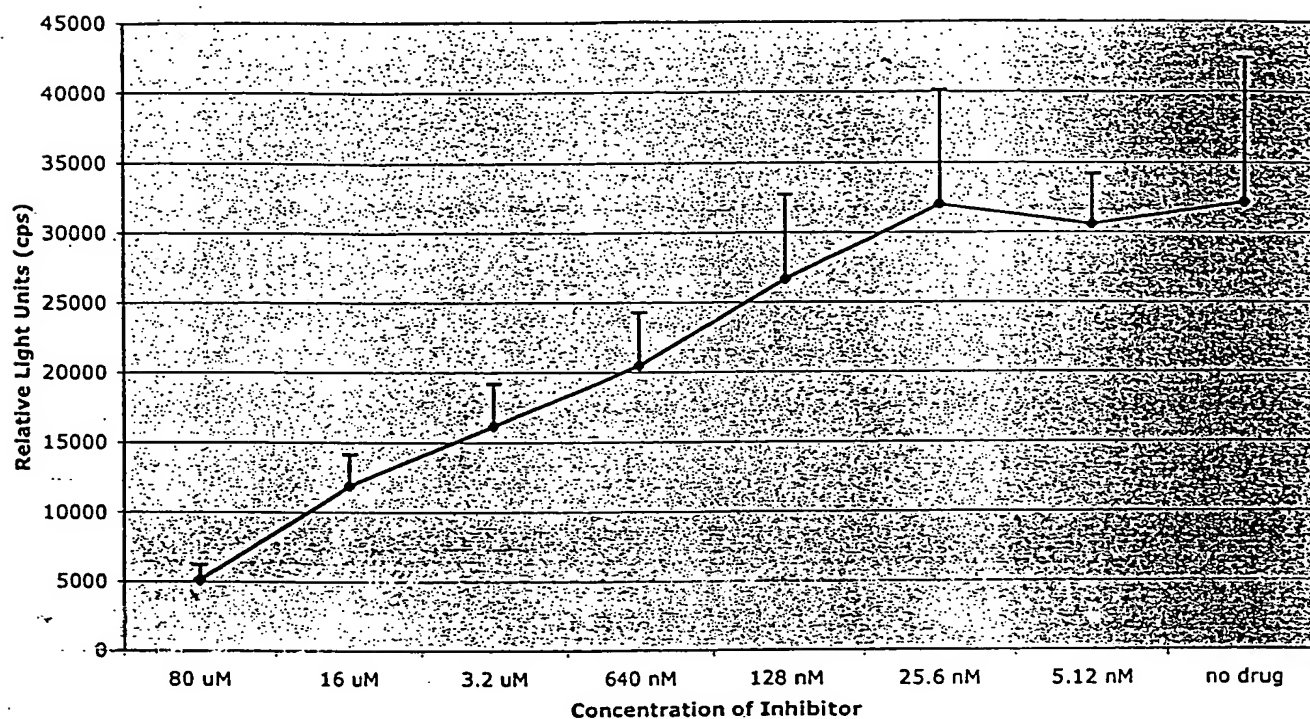


FIGURE 6

Fusion of 293T.CD4.omega/CCR5 with 293T/ADA in Presence of TAK-779



Fusion of HeLa.CD4.omega.CCR5 cl. 12 with 293T/ADA in Presence of TAK-779

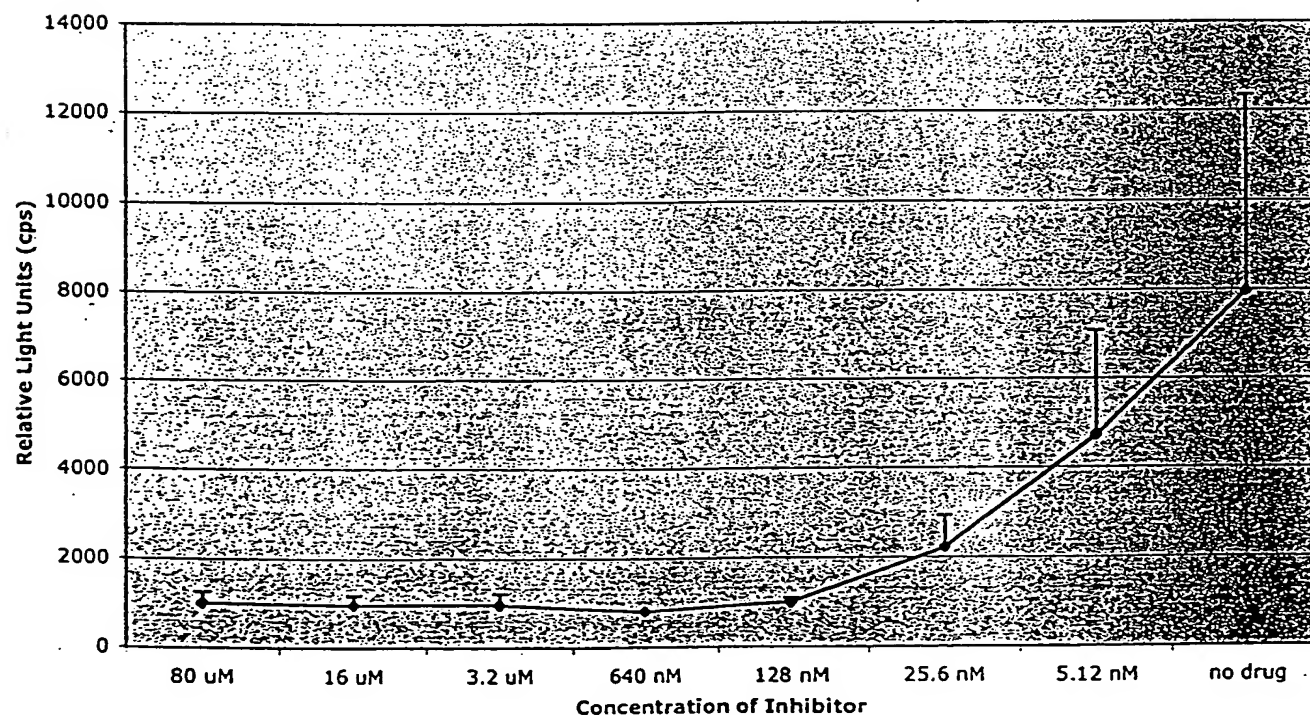


FIGURE 7

Fusion of 293T.CD4.omega/CCR5 with 293T/ADA in Presence of
GSK Compound A

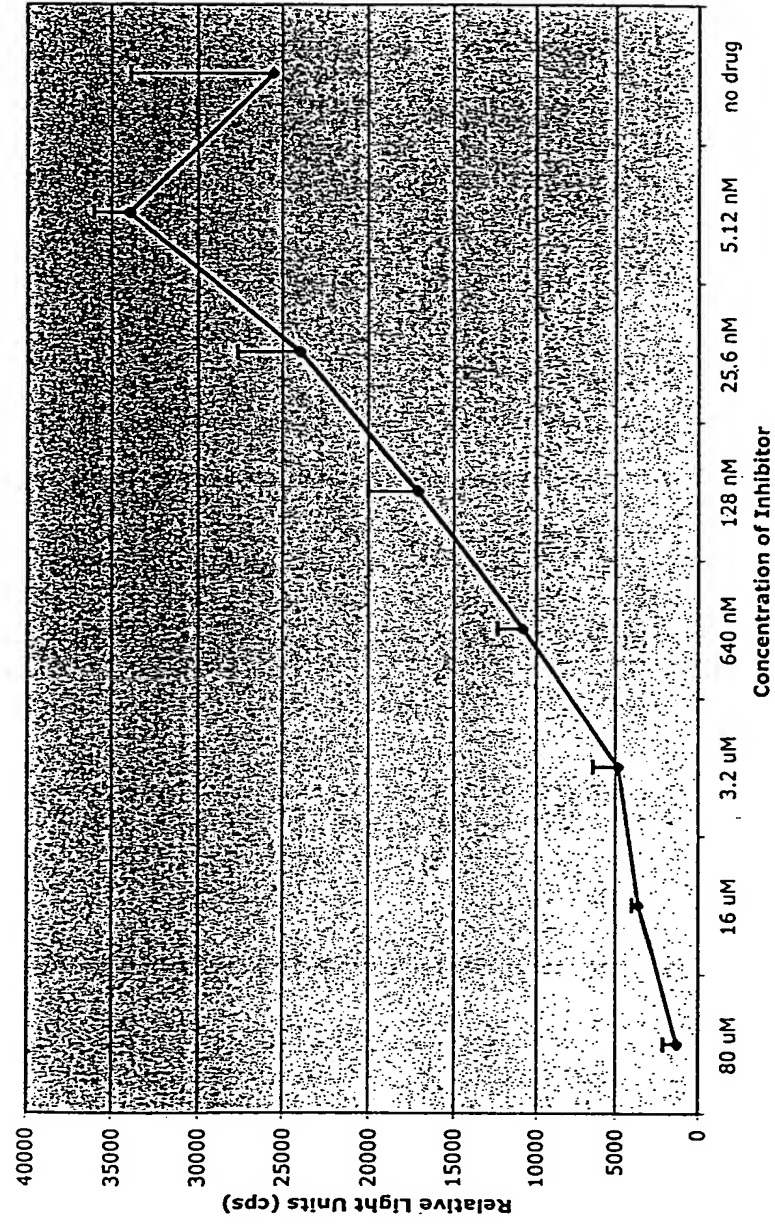


FIGURE 8

Fusion of 293T.CD4.omega/CCR5 with 293T/ADA in the Presence of
GSK Compound B

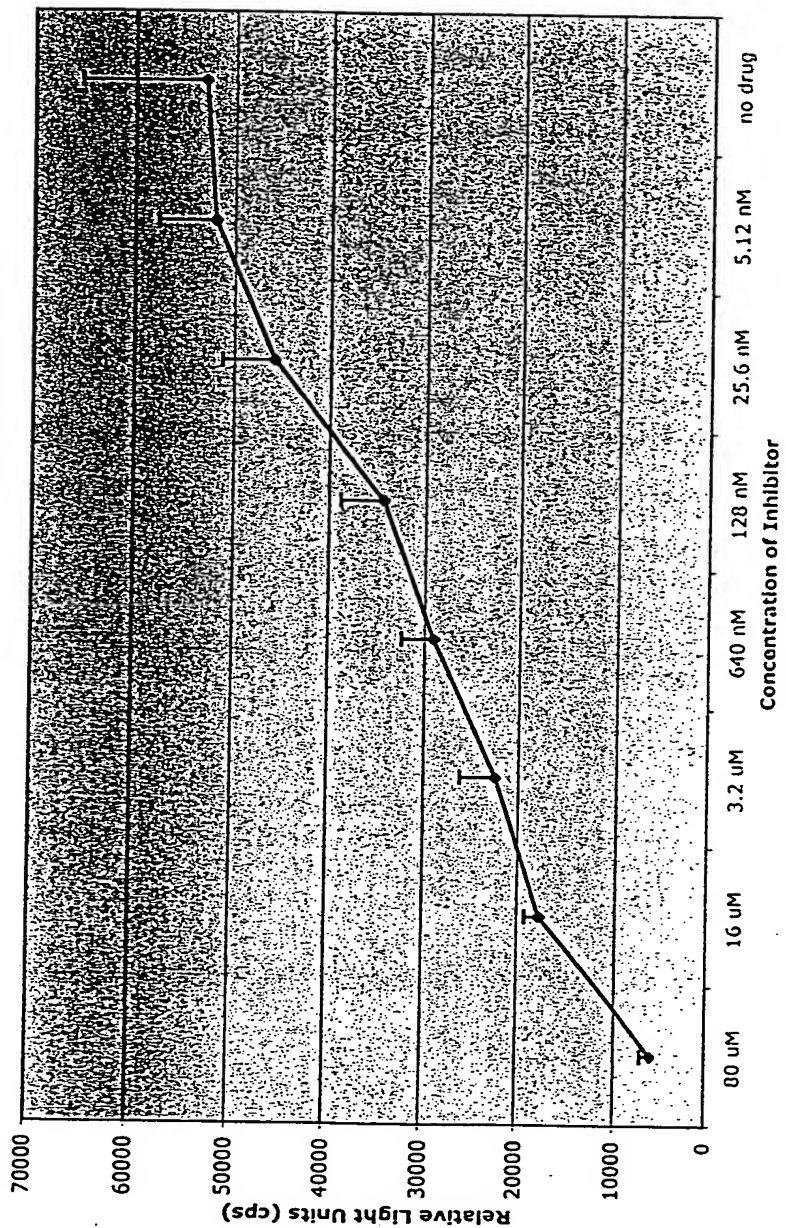


FIGURE 9

Fusion of HeLa.CD4.omega.CCR5 cl. 12 with 293T/ADA in the
Presence of GSK Compound D

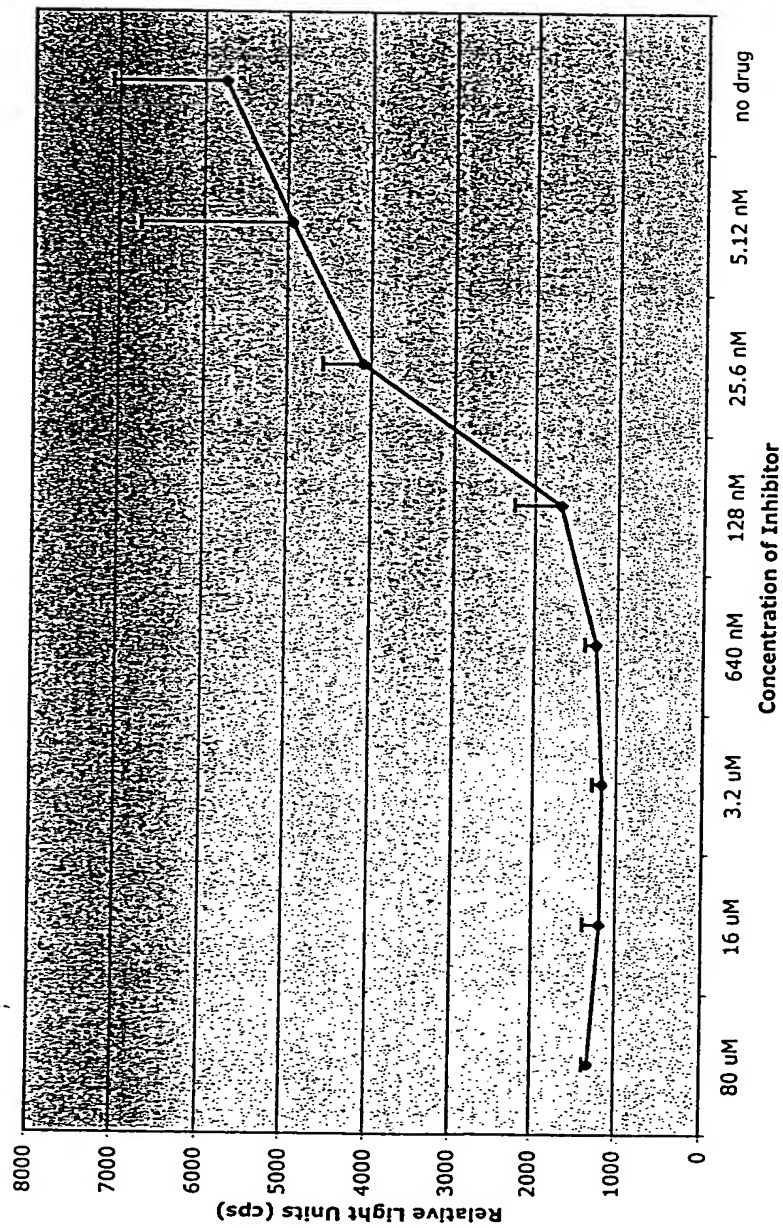


FIGURE 10

Fusion of HeLa.CD4.omega.CCR5 cl. 12 with 293T/ADA in the
Presence of GSK Compound C

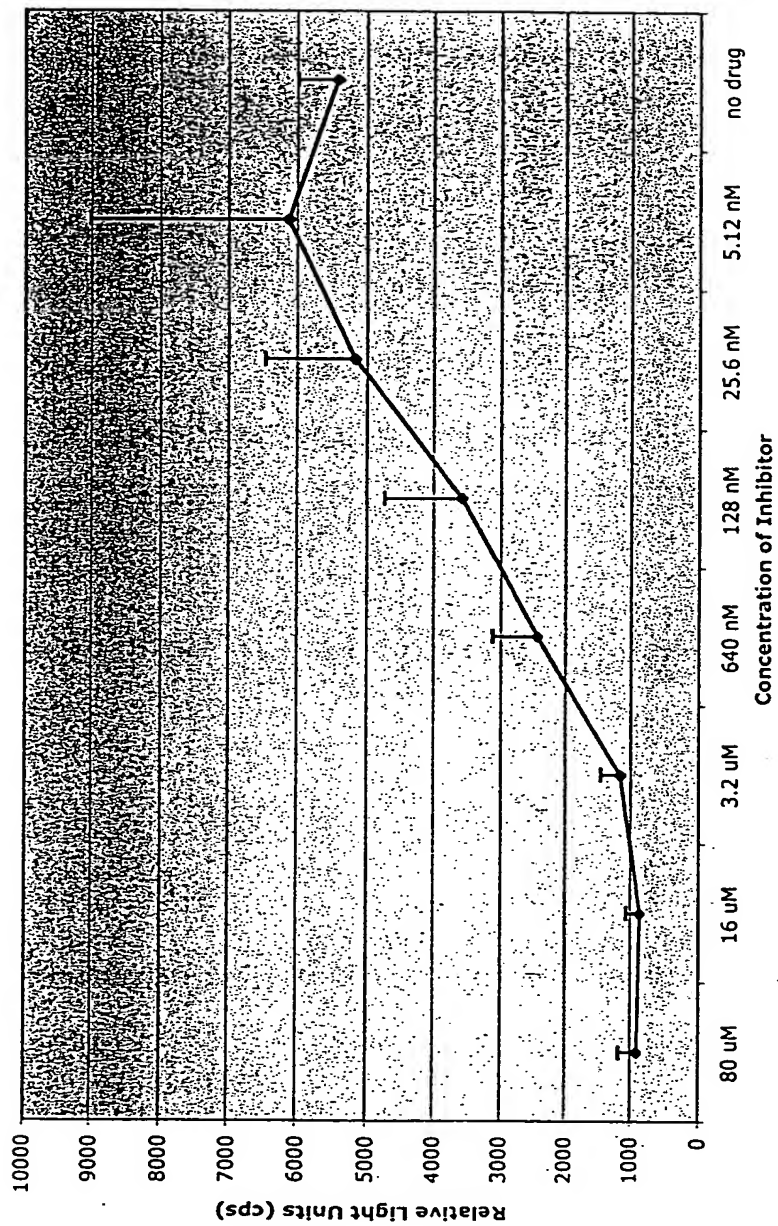


FIGURE 11

Fusion of 293T/Omega Cells with 293T/alpha/SF33 Cells at a Range of Temperatures for 4 hours

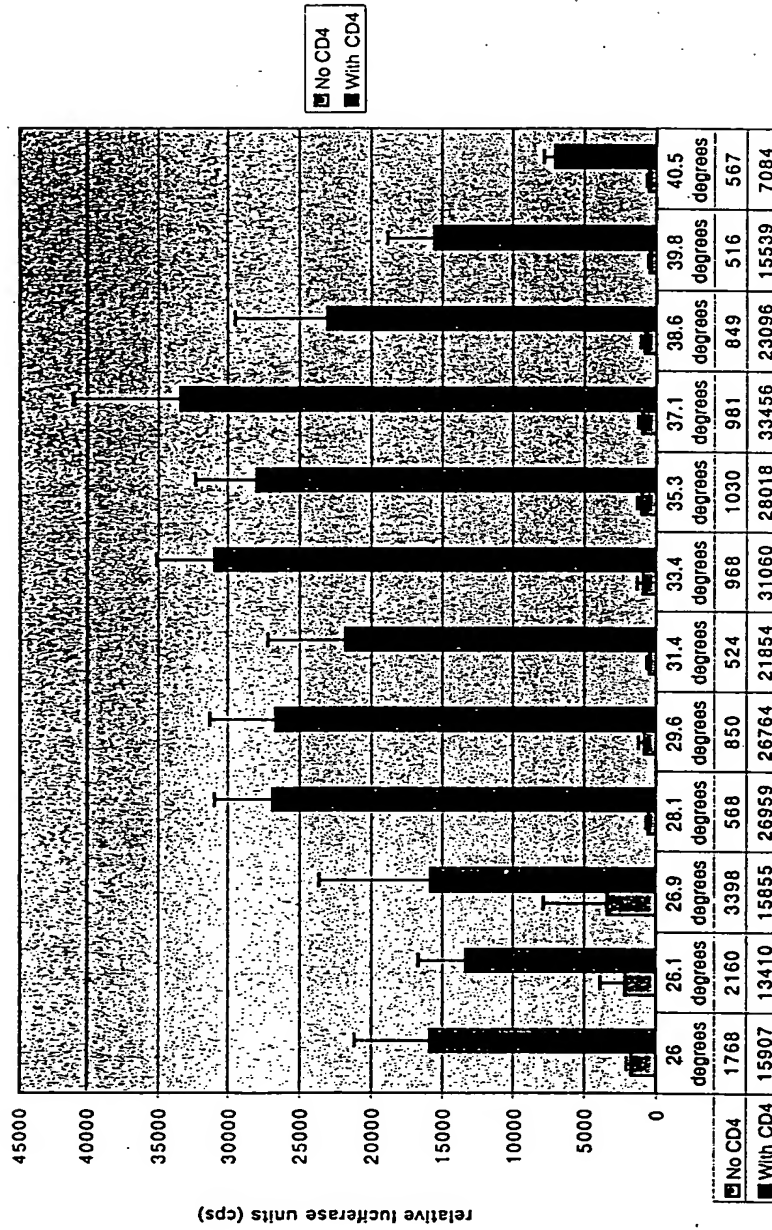


FIGURE 12

Relative Light Units (RLU) for CCR5 only and CD4 and CCR5 across various degrees. The y-axis ranges from 0 to 100,000 RLU. The x-axis shows degrees from 19.9 to 40.9. CCR5 only is represented by white bars and CD4 and CCR5 by black bars. Error bars are shown for each bar.

Degrees	CCR5 only (RLU)	CD4 and CCR5 (RLU)
19.9	~20,000	~18,000
20.1	~22,000	~20,000
22.8	~40,000	~38,000
25.1	~60,000	~58,000
27.8	~65,000	~63,000
30.6	~68,000	~66,000
33.4	~65,000	~63,000
36	~60,000	~58,000
38.2	~65,000	~63,000
39.9	~68,000	~66,000
40.9	~70,000	~68,000

FIGURE 13